

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	559	(560/157).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/21 16:08
L2	760	(564/17,47,48).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/21 16:08

82 10/538, 484

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:16:07 ON 21 MAY 2007

=> d

ENTER NAME OF ITEM TO BE DISPLAYED OR (?):file reg
'FILE' IS NOT VALID HERE

For an explanation, enter "HELP DISPLAY".

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:16:33 ON 21 MAY 2007

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STRUCTURE FILE UPDATES: 20 MAY 2007 HIGHEST RN 935426-16-7

DICTIONARY FILE UPDATES: 20 MAY 2007 HIGHEST RN 935426-16-7

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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REGISTRY includes numerically searchable data for experimental and
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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

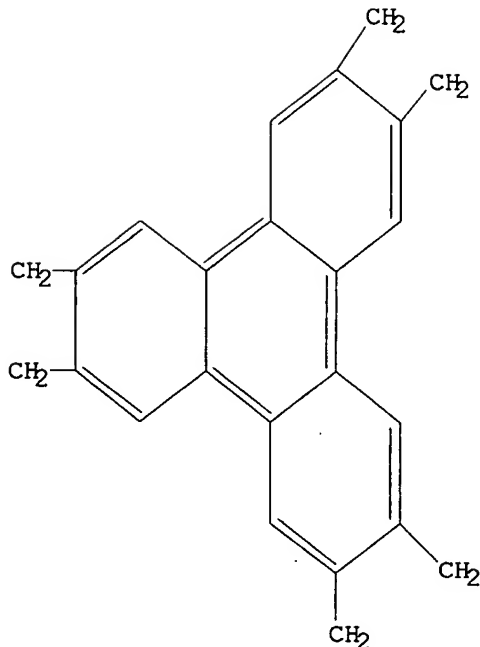
Uploading C:\Program Files\Stnexp\Queries\3280.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 17:16:52 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 1676 TO ITERATE

100.0% PROCESSED 1676 ITERATIONS
 SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 31065 TO 35975
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 ful

FULL SEARCH INITIATED 17:16:57 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 34106 TO ITERATE

100.0% PROCESSED 34106 ITERATIONS
 SEARCH TIME: 00.00.01

11 ANSWERS

L3 11 SEA SSS FUL L1

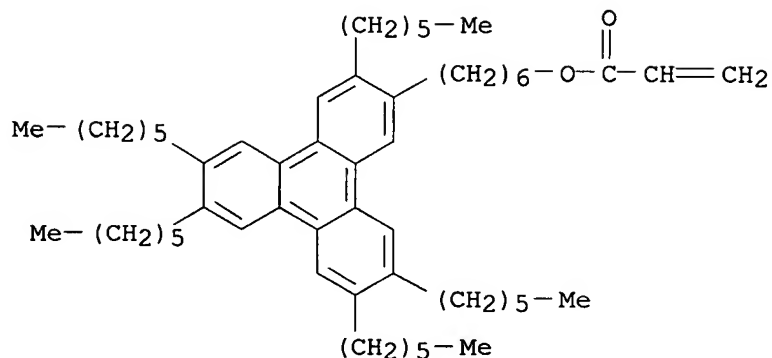
=> d 13 1-11

L3 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 868248-16-2 REGISTRY
 ED Entered STN: 17 Nov 2005
 CN 2-Propenoic acid, 6-(3,6,7,10,11-pentahexyl-2-triphenylenyl)hexyl ester,
 homopolymer (9CI) (CA INDEX NAME)
 MF (C57 H86 O2)x
 CI PMS
 PCT Polyacrylic

SR CA
LC STN Files: CA, CAPLUS

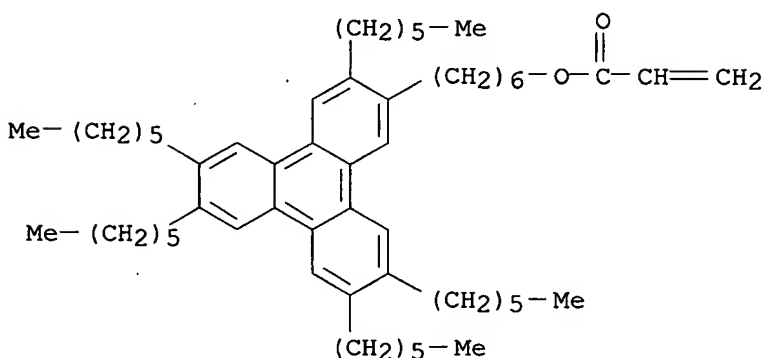
CM 1

CRN 868248-15-1
CMF C57 H86 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

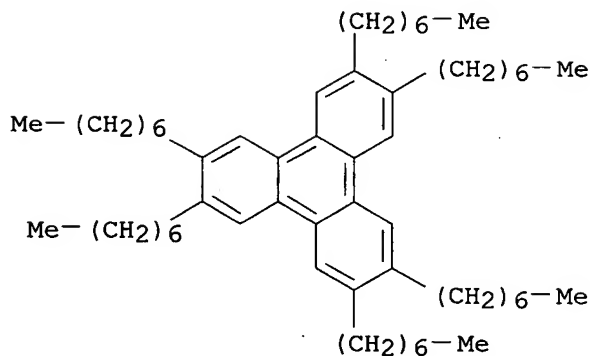
L3 ANSWER 2 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 868248-15-1 REGISTRY
ED Entered STN: 17 Nov 2005
CN 2-Propenoic acid, 6-(3,6,7,10,11-pentahexyl-2-triphenylenyl)hexyl ester
(9CI) (CA INDEX NAME)
MF C57 H86 O2
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANSWER 3 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 638199-35-6 REGISTRY
ED Entered STN: 16 Jan 2004
CN Triphenylene, 2,3,6,7,10,11-hexaheptyl- (9CI) (CA INDEX NAME)
MF C60 H96
SR CA

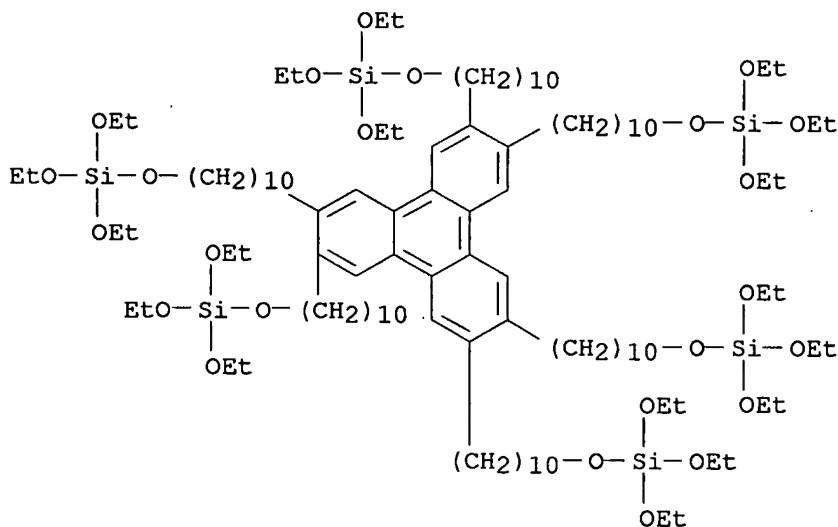
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

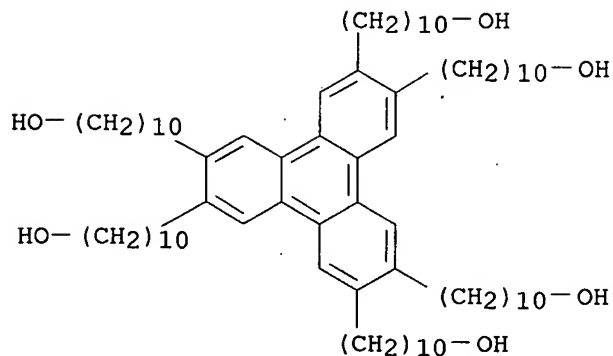
L3 ANSWER 4 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 594847-71-9 REGISTRY
ED Entered STN: 29 Sep 2003
CN Silicic acid (H_4SiO_4), 2,3,6,7,10,11-triphenylenehexaylhexasilicic acid (9CI) (CA INDEX NAME)
MF C114 H216 O24 Si6
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 594847-70-8 REGISTRY
ED Entered STN: 29 Sep 2003
CN 2,3,6,7,10,11-Triphenylenehexakis(decanol) (9CI) (CA INDEX NAME)
MF C78 H132 O6
SR CA

LC STN Files: CA, CAPLUS

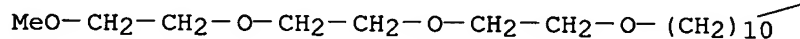
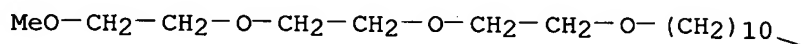


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

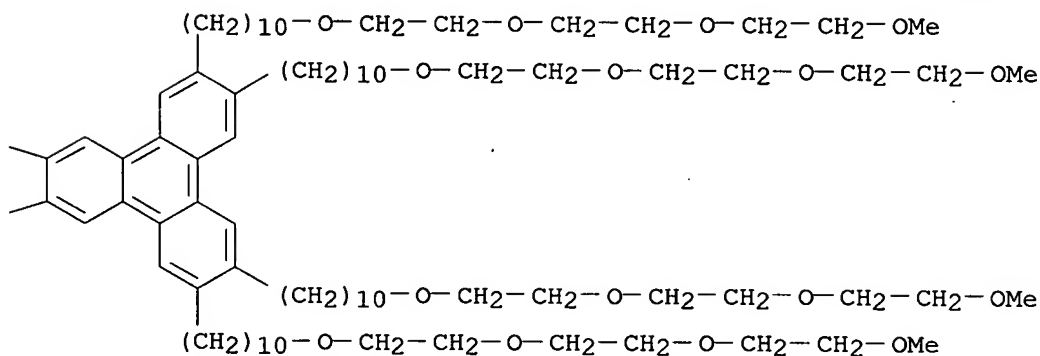
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 594847-69-5 REGISTRY
ED Entered STN: 29 Sep 2003
CN 2,5,8,11-Tetraoxaeicosane, 21,21',21'',21'''-2,3,6,7,10,11-
triphenylenehexaylhexakis- (9CI) (CA INDEX NAME)
MF C120 H216 O24
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



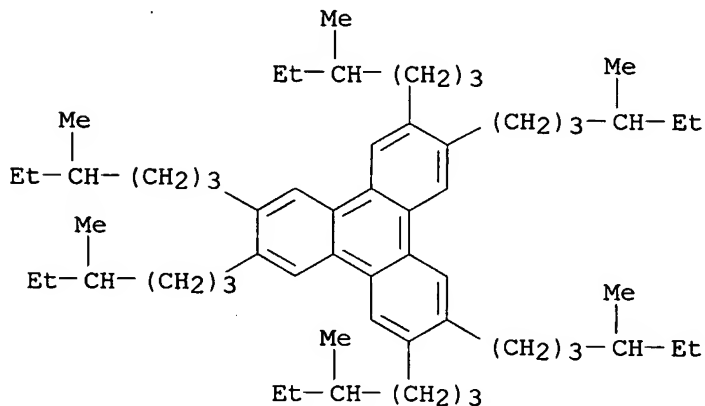
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

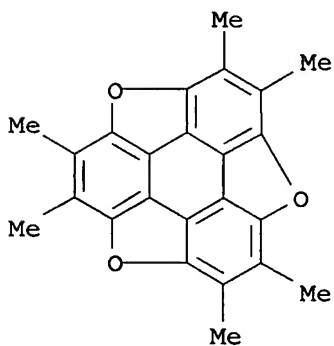
L3 ANSWER 7 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 264598-08-5 REGISTRY
ED Entered STN: 12 May 2000
CN Triphenylene, 2,3,6,7,10,11-hexakis(4-methylhexyl)- (9CI) (CA INDEX NAME)
MF C60 H96
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

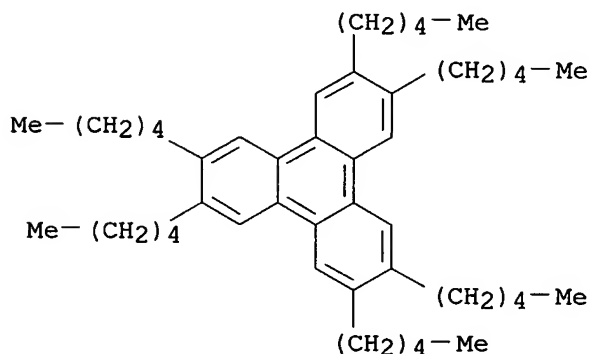
L3 ANSWER 8 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 260353-04-6 REGISTRY
ED Entered STN: 29 Mar 2000
CN Triphenyleno[1,12-bcd:4,5-b'c'd':8,9-b''c''d'']trifuran,
2,3,5,6,8,9-hexamethyl- (9CI) (CA INDEX NAME)
MF C24 H18 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

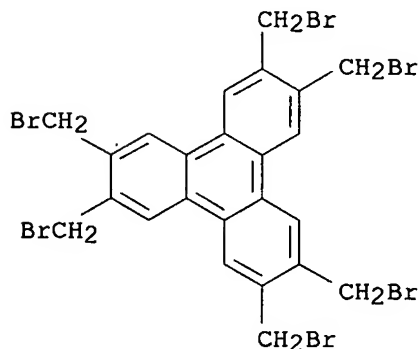
L3 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 200884-34-0 REGISTRY
ED Entered STN: 05 Feb 1998
CN Triphenylene, 2,3,6,7,10,11-hexapentyl- (9CI) (CA INDEX NAME)
MF C48 H72
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

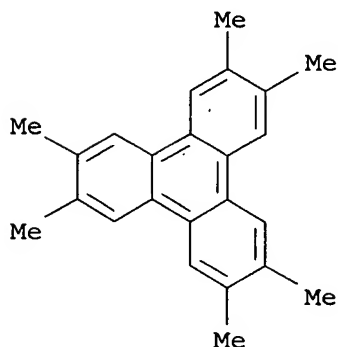
L3 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 174782-69-5 REGISTRY
ED Entered STN: 04 Apr 1996
CN Triphenylene, 2,3,6,7,10,11-hexakis(bromomethyl)- (9CI) (CA INDEX NAME)
MF C24 H18 Br6
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 11 OF 11 REGISTRY COPYRIGHT 2007 ACS on STN
RN 26146-81-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Triphenylene, 2,3,6,7,10,11-hexamethyl- (CA INDEX NAME)
MF C24 H24
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
194.00	194.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:17:51 ON 21 MAY 2007

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FILE LAST UPDATED: 20 May 2007 (20070520/ED)

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=> s 13

L4 13 L3

=> d 14 1-13

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:1296220 CAPLUS
DN 146:229025
TI Highly efficient route to fused polycyclic aromatics via
palladium-catalyzed aryne annulation by aryl halides
AU Liu, Zhijian; Larock, Richard C.
CS Department of Chemistry, Iowa State University, Ames, IA, 50011, USA
SO Journal of Organic Chemistry (2007), 72(1), 223-232
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 146:229025
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:1153545 CAPLUS
DN 143:429801
TI Organic electroluminescent device, electronic apparatus, and their
production method
IN Obikawa, Takeshi
PA Seiko Epson Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005302641	A	20051027	JP 2004-120325	20040415
PRAI	JP 2004-120325		20040415		

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:1146686 CAPLUS
DN 144:36185
TI Synthesis of Fused Polycyclic Aromatics by Palladium-Catalyzed Annulation
of Arynes Using 2-Halobiaryls
AU Liu, Zhijian; Zhang, Xiaoxia; Larock, Richard C.
CS Department of Chemistry, Iowa State University, Ames, IA, 50011, USA
SO Journal of the American Chemical Society (2005), 127(45), 15716-15717
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
OS CASREACT 144:36185
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:713565 CAPLUS
DN 141:190482
TI Analysis of quasielastic neutron scattering (QENS) data of discotic
systems using different molecular dynamics (MD) models
AU Kruglova, O.; Mulder, F. M.; Picken, S. J.; Stride, J.; Kearley, G. J.
CS Interfaculty Reactor Institute, Delft University of Technology, Delft,
2629 JB, Neth.
SO Physica B: Condensed Matter (Amsterdam, Netherlands) (2004), 350(1-3,
Suppl. 1), e1003-e1005

CODEN: PHYBE3; ISSN: 0921-4526

URL: <http://www.sciencedirect.com/science/journal/09214526>

PB Elsevier

DT Journal

LA English

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:732228 CAPLUS

DN 140:68088

TI Mixed alkyl-alkoxy triphenylenes

AU Cammidge, Andrew N.; Gopee, Hemant

CS Wolfson Materials and Catalysis Centre, School of Chemical Sciences and
Pharmacy, University of East Anglia, Norwich, NR4 7TJ, UK

SO Molecular Crystals and Liquid Crystals (2003), 397, 417-428

CODEN: MCLCD8; ISSN: 1542-1406

PB Taylor & Francis, Inc.

DT Journal

LA English

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:706942 CAPLUS

DN 139:232541

TI Silica-containing organic-inorganic composite structure, porous silica,
and their manufacture by using liquid crystal

IN Okabe, Akihiro; Fukushima, Takanori; Ariga, Katsuhiko; Aida, Takuzo

PA Japan Science and Technology Corporation, Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2003252818	A	20030910	JP 2002-55188	20020301
PRAI	JP 2002-55188		20020301		
OS	MARPAT 139:232541				

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:254630 CAPLUS

DN 132:300894

TI Discotic liquid crystal device and method for alignment thereof

IN Kamibe, Junichiro; Moriyama, Takashi; Nakamura, Shinichi; Togano, Takeshi;
Takiguchi, Takao

PA Canon Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2000111860	A	20000421	JP 1998-296235	19981005
	JP 3524404	B2	20040510		
	US 6159562	A	20001212	US 1999-412434	19991005
PRAI	JP 1998-296235	A	19981005		

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:166268 CAPLUS

DN 132:214635
TI Organic electroluminescent material and the organic electroluminescent device using it
IN Tamano, Michiko
PA Toyo Ink Mfg. Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2000077186	A	20000314	JP 1998-246138	19980831
	JP 3899698	B2	20070328		
PRAI	JP 1998-246138		19980831		
OS	MARPAT 132:214635				

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:231889 CAPLUS
DN 130:289066
TI Organic electroluminescent device containing charge-transporting layer with improved charge mobility
IN Nagae, Isamu; Fujimoto, Takamitsu; Hizuka, Yuji
PA Mitsubishi Electric Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 11097176	A	19990409	JP 1997-253484	19970918
PRAI	JP 1997-253484		19970918		

L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:10729 CAPLUS
DN 128:91052
TI Secondary nonaqueous electrolyte batteries
IN Negi, Masayuki; Okazaki, Masaki
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 27 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 09330739	A	19971222	JP 1997-49629	19970219
PRAI	JP 1996-86605	A	19960409		
OS	MARPAT 128:91052				

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1996:69878 CAPLUS
DN 124:232418
TI Reversible encapsulation of disk-shaped guests by a synthetic, self-assembled host
AU Grotzfeld, Robert M.; Branda, Neil; Rebek, Julius, Jr.
CS Dep. Chem., Massachusetts Inst. Technol., Cambridge, MA, 02139, USA
SO Science (Washington, D. C.) (1996), 271(5248), 487-9
CODEN: SCIEAS; ISSN: 0036-8075
PB American Association for the Advancement of Science
DT Journal

LA English

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1979:213471 CAPLUS

DN 90:213471

TI Hexasubstituted triphenylenes: a new mesomorphic order

AU Destrade, C.; Mondon, M. C.; Malthete, J.

CS Cent. Rech. Paul-Pascal, Talence, Fr.

SO Journal de Physique, Colloque (1979), (3), 17-21

CODEN: JPQCAK; ISSN: 0449-1947

DT Journal

LA English

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1970:48659 CAPLUS

DN 72:48659

TI Preliminary crystallographic data for methyl-substituted triphenylenes

AU Yerkess, J.; Jones, Derry Wynn; Denne, W. A.

CS Sch. Chem., Univ. Bradford, Bradford, UK

SO Acta Crystallographica, Section B: Structural Crystallography and Crystal Chemistry (1969), 25(Pt. 12), 2649-50

CODEN: ACBCAR; ISSN: 0567-7408

DT Journal

LA English

FILE 'REGISTRY' ENTERED AT 17:22:51 ON 21 MAY 2007
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STRUCTURE FILE UPDATES: 20 MAY 2007 HIGHEST RN 935426-16-7
DICTIONARY FILE UPDATES: 20 MAY 2007 HIGHEST RN 935426-16-7

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\32800.str

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 17:23:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 28 TO ITERATE

100.0% PROCESSED 28 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 243 TO 877

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 ful

FULL SEARCH INITIATED 17:23:21 FILE 'REGISTRY'

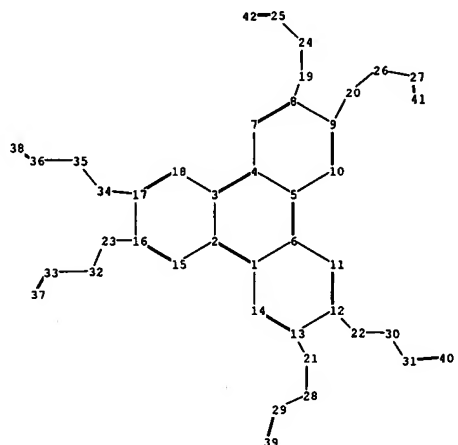
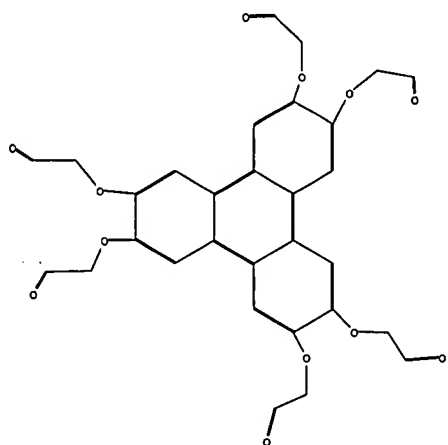
FULL SCREEN SEARCH COMPLETED - 502 TO ITERATE

100.0% PROCESSED 502 ITERATIONS

19 ANSWERS

SEARCH TIME: 00.00.01

L7 19 SEA SSS FUL L5



chain nodes :

19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41 42

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

chain bonds :

8-19 9-20 12-22 13-21 16-23 17-34 19-24 20-26 21-28 22-30 23-32 24-25 25-42
26-27 27-41 28-29 29-39 30-31 31-40 32-33 33-37 34-35 35-36 36-38

ring bonds :

1-2 1-6 1-14 2-3 2-15 3-4 3-18 4-5 4-7 5-6 5-10 6-11 7-8 8-9 9-10 11-12
12-13 13-14 15-16 16-17 17-18

exact/norm bonds :

8-19 9-20 12-22 13-21 16-23 17-34 19-24 20-26 21-28 22-30 23-32 25-42 27-41
29-39 31-40 33-37 34-35 36-38

exact bonds :

24-25 26-27 28-29 30-31 32-33 35-36

normalized bonds :

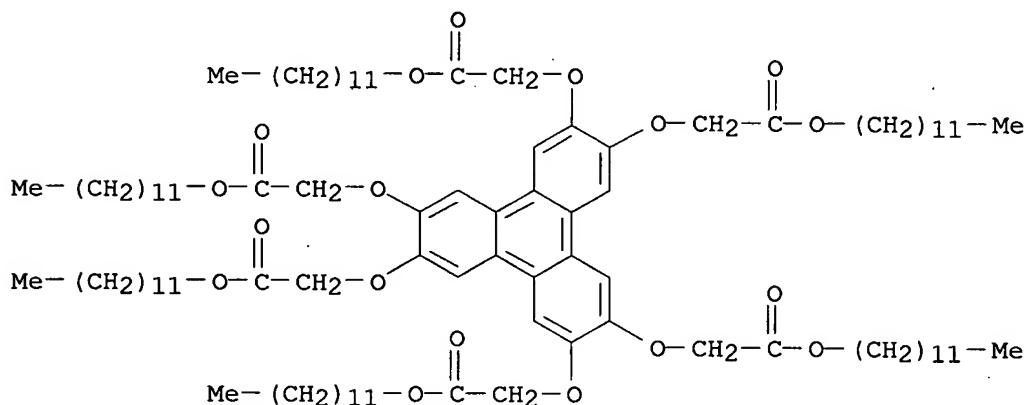
1-2 1-6 1-14 2-3 2-15 3-4 3-18 4-5 4-7 5-6 5-10 6-11 7-8 8-9 9-10 11-12
12-13 13-14 15-16 16-17 17-18

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS
39:CLASS 40:CLASS 41:CLASS 42:CLASS

=> d 17 1-19

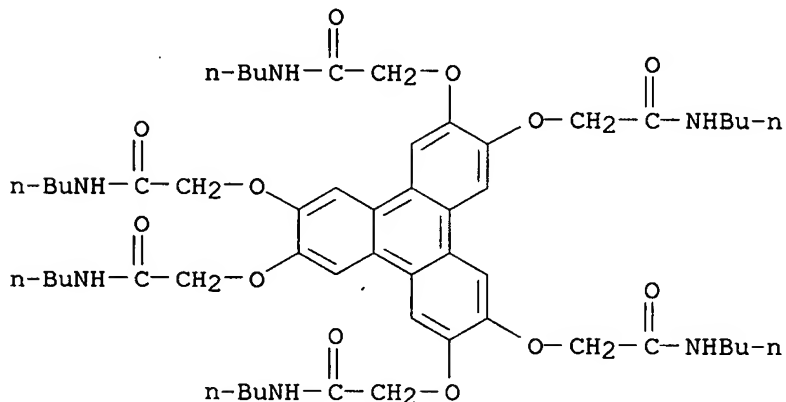
L7 ANSWER 1 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 721396-35-6 REGISTRY
ED Entered STN: 03 Aug 2004
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-
triphenylenehexaylhexas(oxy)]hexakis-, hexadodecyl ester (9CI) (CA
INDEX NAME)
MF C102 H168 O18
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 614733-38-9 REGISTRY
ED Entered STN: 10 Nov 2003
CN Acetamide, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-
triphenylenehexaylhexas(oxy)]hexakis[N-butyl- (9CI) (CA INDEX NAME)
MF C54 H78 N6 O12
SR CA
LC STN Files: CA, CAPLUS

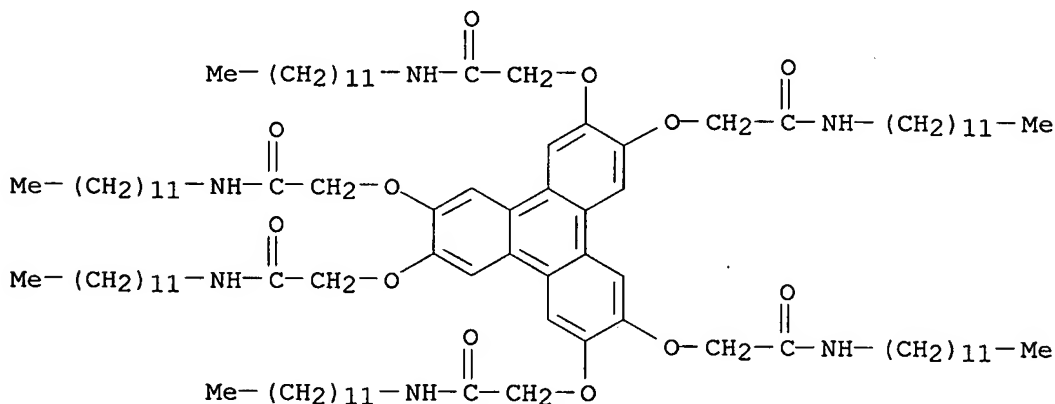


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 614733-37-8 REGISTRY
ED Entered STN: 10 Nov 2003
CN Acetamide, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis(oxy)]hexakis[N-dodecyl- (9CI) (CA INDEX NAME)
MF C102 H174 N6 O12
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 4 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 200814-89-7 REGISTRY
ED Entered STN: 05 Feb 1998
CN L-Phenylalanine, N,N',N'',N''',N''',N''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)]]hexakis-,
hexakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C108 H126 N6 O24
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



```
L7 ANSWER 5 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 200814-88-6 REGISTRY
ED Entered STN: 05 Feb 1998
CN L-Phenylalanine, N,N',N'',N''',N''''',N''''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)]]hexakis- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C84 H78 N6 O24
SR CA
LC STN Files: CA, CAPLUS, CASREACT
```

The chemical structure shows a central benzene ring substituted with four side chains. Each side chain consists of a methylene group (CH₂) attached to a chiral center (S), which is further attached to a carboxylic acid group (CO₂H). The side chains are connected to the benzene ring via ether linkages (O-CH₂-). The stereochemistry at the chiral centers is indicated by wedges and dashes: the top-left and bottom-right centers have wedged bonds to the phenyl group and dashed bonds to the hydrogen atom, while the top-right and bottom-left centers have dashed bonds to the phenyl group and wedged bonds to the hydrogen atom.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 6 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 200814-87-5 REGISTRY

ED Entered STN: 05 Feb 1998

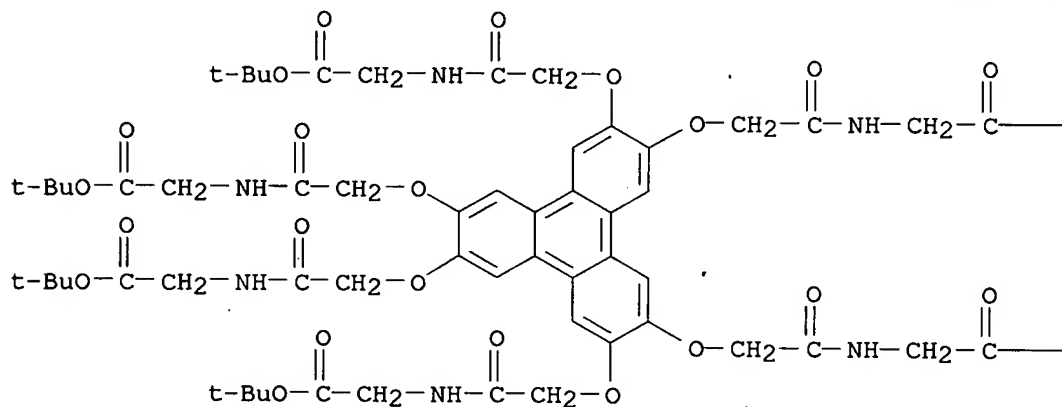
CN Glycine, N,N',N'',N''',N''''',N''''''-[2,3,6,7,10,11-triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)]]hexakis-, hexakis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

MF C66 H90 N6 O24

SR CA

LC STN Files: CA, CAPLUS, CASREACT

PAGE 1-A



PAGE 1-B

—OBu-t

—OBu-t

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

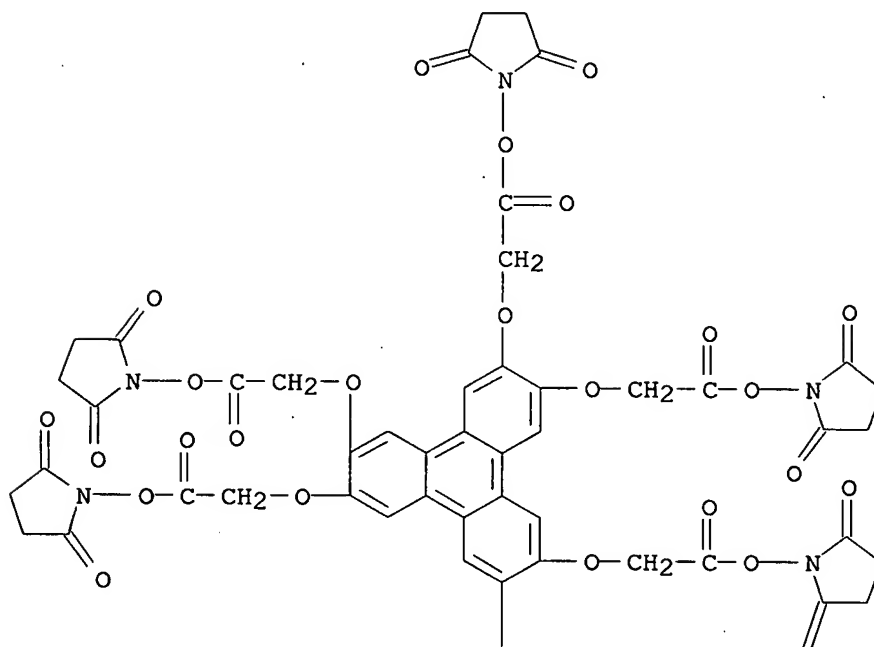
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 7 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

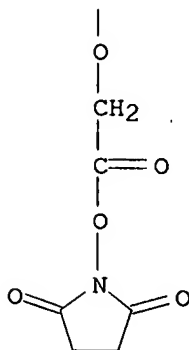
RN 200814-86-4 REGISTRY

ED Entered STN: 05 Feb 1998
 CN 2,5-Pyrrolidinedione, 1,1',1'',1''',1'''',1'''''-[2,3,6,7,10,11-triphenylenehexaylhexakis[oxy(1-oxo-2,1-ethanediyl)oxy]]hexakis- (9CI)
 (CA INDEX NAME)
 MF C54 H42 N6 O30
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

PAGE 1-A



PAGE 2-A

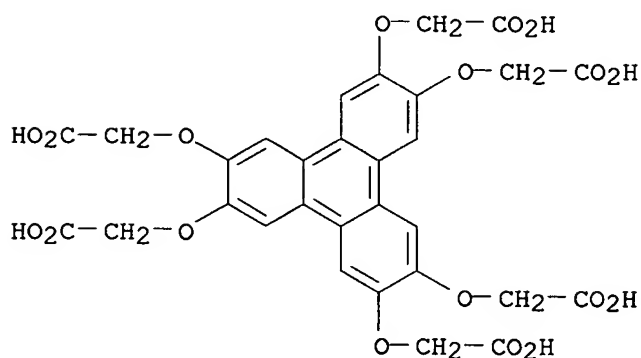


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 8 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 200814-85-3 REGISTRY
 ED Entered STN: 05 Feb 1998

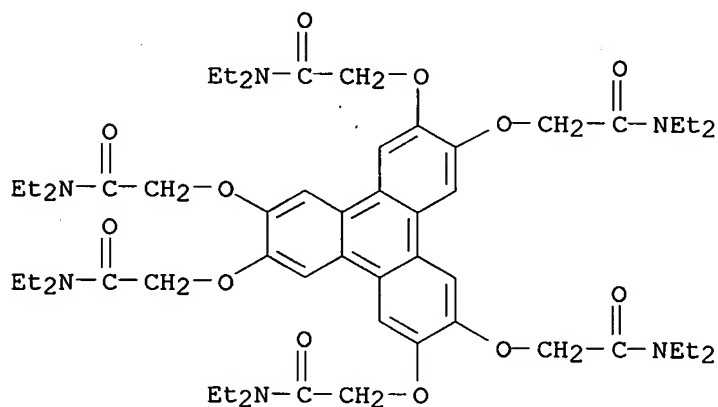
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis(oxy)]hexakis- (9CI) (CA INDEX NAME)
MF C30 H24 O18
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 9 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 200814-82-0 REGISTRY
ED Entered STN: 05 Feb 1998
CN Acetamide, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-
triphenylenehexaylhexakis(oxy)]hexakis[N,N-diethyl- (9CI) (CA INDEX NAME)
MF C54 H78 N6 O12
SR CA
LC STN Files: CA, CAPLUS, CASREACT

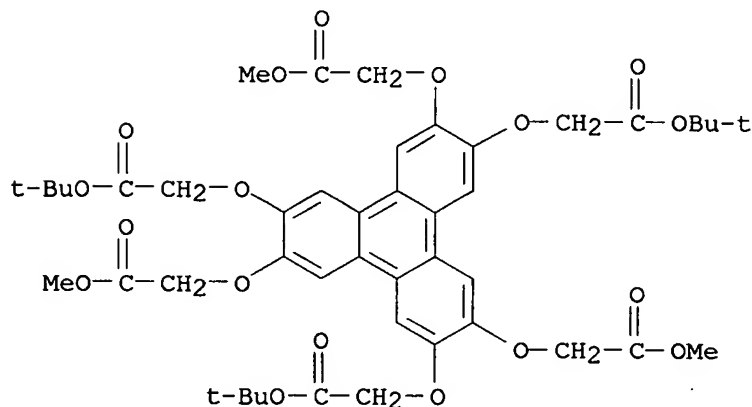


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 10 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 198556-17-1 REGISTRY
ED Entered STN: 12 Dec 1997

CN Acetic acid, 2,2',2''-[[3,7,11-tris[2-(1,1-dimethylethoxy)-2-oxoethoxy]-2,6,10-triphenylenetriyl]tris(oxy)]tris-, trimethyl ester (9CI) (CA INDEX NAME)
 MF C45 H54 O18
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

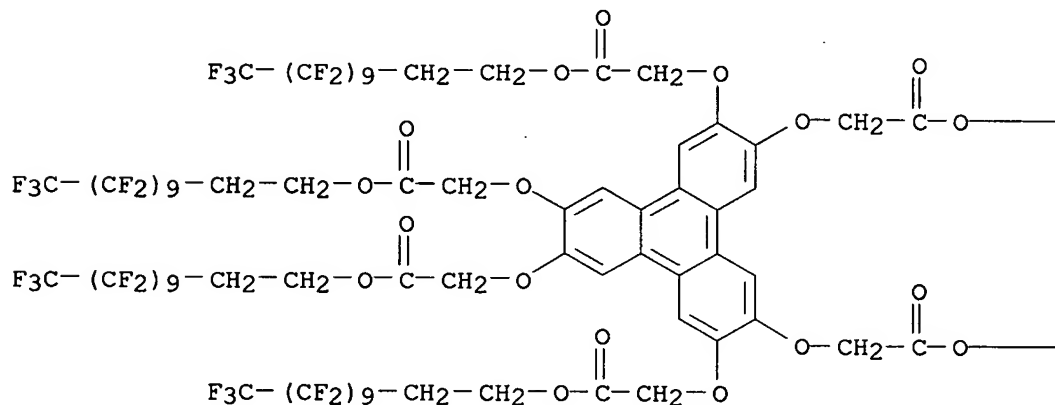


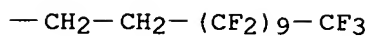
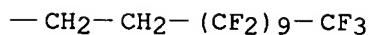
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 11 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 172990-53-3 REGISTRY
 ED Entered STN: 07 Feb 1996
 CN Acetic acid, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis-, hexakis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl) ester (9CI) (CA INDEX NAME)
 MF C102 H42 F126 O18
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 12 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 172990-52-2 REGISTRY

ED Entered STN: 07 Feb 1996

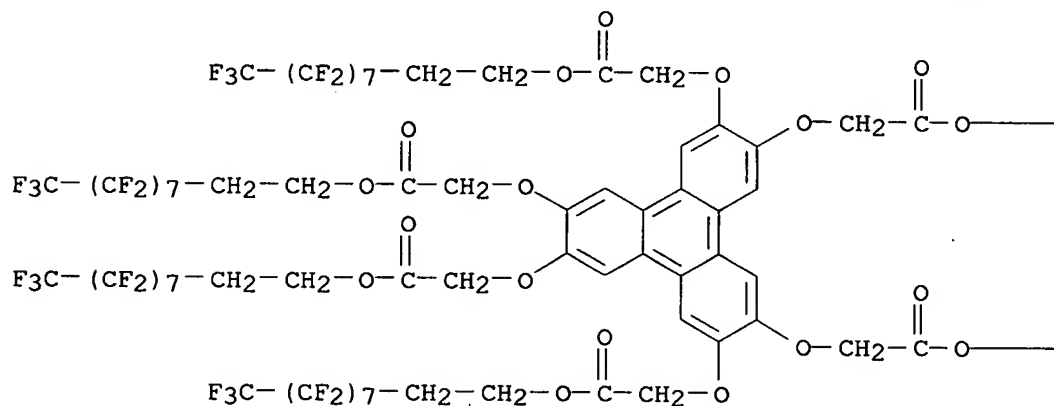
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis-, hexakis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) ester (9CI) (CA INDEX NAME)

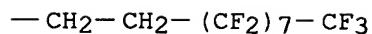
MF C90 H42 F102 O18

SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 13 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 172990-51-1 REGISTRY

ED Entered STN: 07 Feb 1996

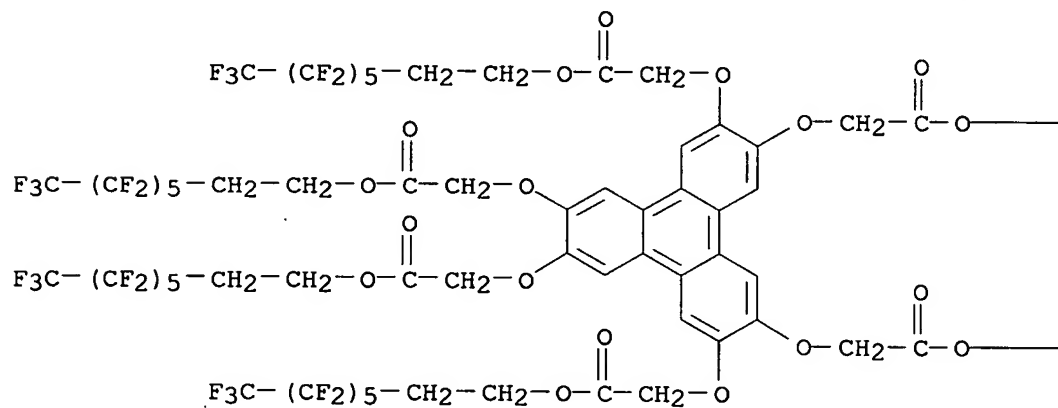
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis-, hexakis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) ester (9CI) (CA INDEX NAME)

MF C78 H42 F78 O18

SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A



—CH₂—CH₂—(CF₂)₅—CF₃

—CH₂—CH₂—(CF₂)₅—CF₃

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 14 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 132123-36-5 REGISTRY

ED Entered STN: 15 Feb 1991

CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis-, hexaethyl ester, compd. with 2,4,7-trinitro-9H-fluoren-9-one (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9H-Fluoren-9-one, 2,4,7-trinitro-, compd. with hexaethyl 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis[acetate] (1:1) (9CI)

CN Triphenylene, acetic acid deriv.

MF C42 H48 O18 . C13 H5 N3 O7

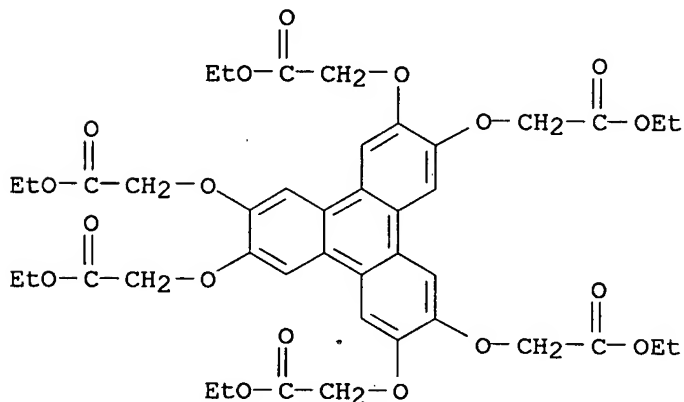
SR CA

LC STN Files: CA, CAPLUS

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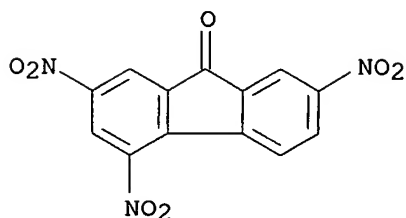
CRN 130817-90-2

CMF C42 H48 O18



CM 2

CRN 129-79-3
CMF C13 H5 N3 O7

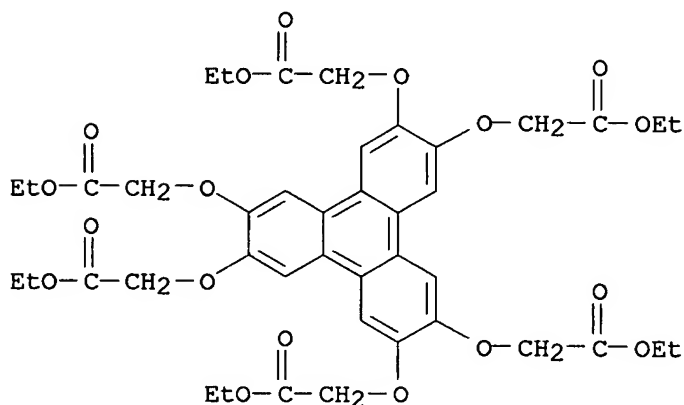


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 15 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 132123-35-4 REGISTRY
ED Entered STN: 15 Feb 1991
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis-, hexaethyl ester, compd. with 2,4,7-trinitro-9H-fluoren-9-one (2:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 9H-Fluoren-9-one, 2,4,7-trinitro-, compd. with hexaethyl 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis[acetate] (1:2) (9CI)
CN Triphenylene, acetic acid deriv.
MF C42 H48 O18 . 1/2 C13 H5 N3 O7
SR CA
LC STN Files: CA, CAPLUS

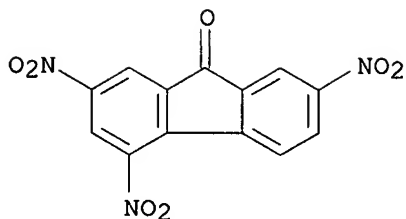
CM 1

CRN 130817-90-2
CMF C42 H48 O18



CM 2

CRN 129-79-3
CMF C13 H5 N3 O7



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 16 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 132123-34-3 REGISTRY

ED Entered STN: 15 Feb 1991

CN Acetic acid, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis-, hexaethyl ester, compd. with 2,4,7-trinitro-9H-fluoren-9-one (3:1). (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9H-Fluoren-9-one, 2,4,7-trinitro-, compd. with hexaethyl 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxy)]hexakis[acetate] (1:3) (9CI)

CN Triphenylene, acetic acid deriv.

MF C42 H48 O18 . 1/3 C13 H5 N3 O7

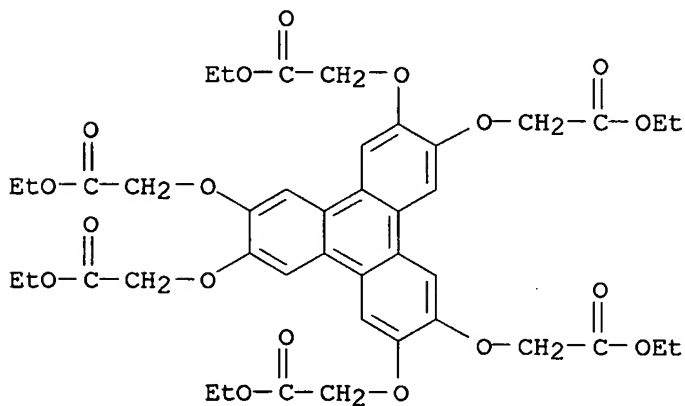
SR CA

LC STN Files: CA, CAPLUS

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CRN 130817-90-2

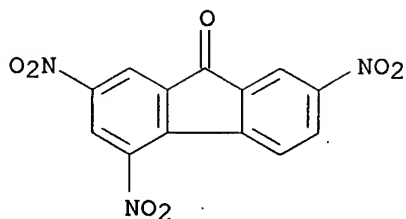
CMF C42 H48 O18



CM 2

CRN 129-79-3

CMF C13 H5 N3 O7



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 17 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 132123-33-2 REGISTRY

ED Entered STN: 15 Feb 1991

CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis-, hexaethyl ester, compd. with 2,4,7-trinitro-9H-fluoren-9-one (5:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9H-Fluoren-9-one, 2,4,7-trinitro-, compd. with hexaethyl 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis[acetate] (1:5) (9CI)

CN Triphenylene, acetic acid deriv.

MF C42 H48 O18 . 1/5 C13 H5 N3 O7

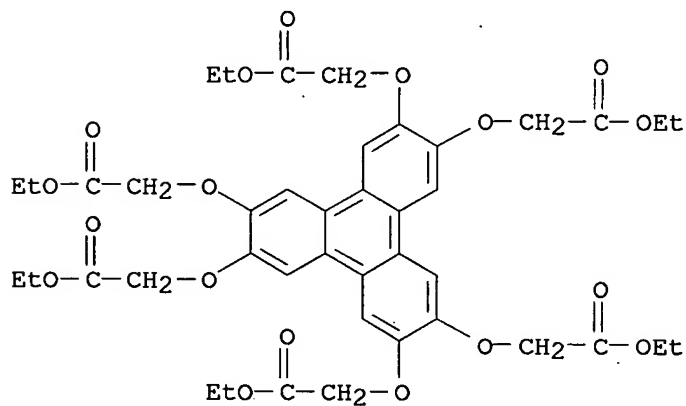
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 130817-90-2

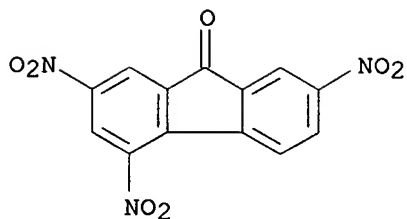
CMF C42 H48 O18



CM 2

CRN 129-79-3

CMF C13 H5 N3 O7



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 18 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN

RN 132123-32-1 REGISTRY

ED Entered STN: 15 Feb 1991

CN Acetic acid, 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis-, hexaethyl ester, compd. with 2,4,7-trinitro-9H-fluoren-9-one (10:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9H-Fluoren-9-one, 2,4,7-trinitro-, compd. with hexaethyl 2,2',2'',2''',2''',2''''-[2,3,6,7,10,11-triphenylenehexaylhexakis(oxy)]hexakis[acetate] (1:10) (9CI)

CN Triphenylene, acetic acid deriv.

MF C42 H48 O18 . 1/10 C13 H5 N3 O7

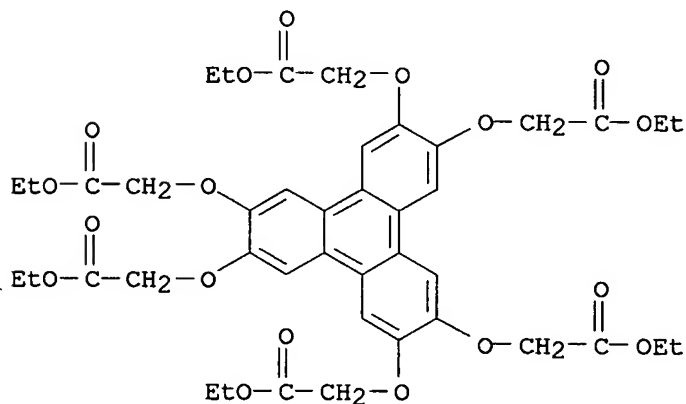
SR CA

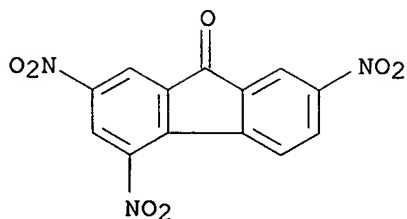
LC STN Files: CA, CAPLUS

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CRN 130817-90-2

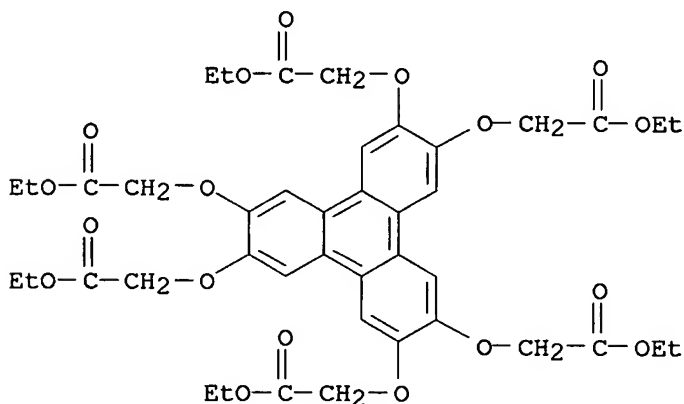
CMF C42 H48 O18





1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 19 OF 19 REGISTRY COPYRIGHT 2007 ACS on STN
RN 130817-90-2 REGISTRY
ED Entered STN: 07 Dec 1990
CN Acetic acid, 2,2',2'',2''',2''''',2''''''-[2,3,6,7,10,11-triphenylenehexaylhexas(oxo)]hexakis-, hexaethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Triphenylene, acetic acid deriv.
MF C42 H48 O18
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
209.60	422.91

FULL ESTIMATED COST

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FILE LAST UPDATED: 20 May 2007 (20070520/ED)

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<http://www.cas.org/infopolicy.html>

=> s 17

L8 12 L7

=> d 18 1-12

L8 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:565189. CAPLUS
DN 141:106275
TI Preparation of fused aromatic compounds having charge transport properties
IN Takeuchi, Masayuki; Ikeda, Masato; Shinkai, Seiji
PA Kyushu Tlo Company, Limited, Japan
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004058684	A1	20040715	WO 2003-JP15826	20031211
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	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2003289315	A1	20040722	AU 2003-289315	20031211
	US 2006111587	A1	20060525	US 2005-538484	20050608
PRAI	JP 2002-360369	A	20021212		
	WO 2003-JP15826	W	20031211		
OS	MARPAT 141:106275				

L8 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:415872 CAPLUS
DN 139:329698
TI Unusual emission properties of a triphenylene-based organogel system
AU Ikeda, Masato; Takeuchi, Masayuki; Shinkai, Seiji
CS Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University, Fukuoka, 812-8581, Japan
SO Chemical Communications (Cambridge, United Kingdom) (2003), (12), 1354-1355
CODEN: CHCOFS; ISSN: 1359-7345

PB Royal Society of Chemistry

DT Journal

LA English

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1997:754865 CAPLUS

DN 128:88655

TI Purification of 2,3,6,7,10,11-hexamethoxytriphenylene and preparation of
hexakiscarbonylmethyl and hexakisacyanomethyl derivatives of
2,3,6,7,10,11-hexahydroxytriphenylene

AU Krebs, Frederik C.; Schioedt, Niels C.; Batsberg, Walther; Bechgaard,
Klaus

CS Macromolecular Chemistry Group, Risoe National Laboratory, Condensed
Matter Physics Chemistry Department, Roskilde, DK-4000, Den.

SO Synthesis (1997), (11), 1285-1290

CODEN: SYNTBF; ISSN: 0039-7881

PB Georg Thieme Verlag

DT Journal

LA English

OS CASREACT 128:88655

L8 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1997:667060 CAPLUS

DN 127:358700

TI A modified procedure for the synthesis of C3-symmetric "mixed-tail"
triphenylenes

AU Wright, Paul T.; Gillies, Iain; Kilburn, Jeremy D.

CS Department Chemistry, University Southampton, Southampton, SO17 1BJ, UK

SO Synthesis (1997), (9), 1007-1009

CODEN: SYNTBF; ISSN: 0039-7881

PB Thieme

DT Journal

LA English

OS CASREACT 127:358700

L8 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:991736 CAPLUS

DN 124:132065

TI Fluoroalkylated discotic liquid crystals

AU Dahn, U.; Erdelen, C.; Ringsdorf, H.; Festag, R.; Wendorff, J. H.; Heiney,
P. A.; Maliszewskyj, N. C.

CS Inst. Org. Chem., Johannes Gutenberg-Univ., Mainz, 55099, Germany

SO Liquid Crystals (1995), 19(6), 759-64

CODEN: LICRE6; ISSN: 0267-8292

PB Taylor & Francis

DT Journal

LA English

L8 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:447799 CAPLUS

DN 122:201947

TI Structure and properties of disk shaped organic molecules in the
crystalline and liquid crystalline phase using electron diffraction and
high resolution imaging

AU Voigt-Martin, Ingrid G.; Schumacher, Martina; Garbella, Ruediger W.

CS Inst. f. Physikalische Chemie, Universitat Mainz, Mainz, D-6500, Germany

SO Transactions of the American Crystallographic Association (1994), Volume
Date 1992, 28(Proceedings of the Symposium on Electron Crystallography,
1992), 39-56

CODEN: TACAAH; ISSN: 0065-8006

DT Journal
LA English

L8 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:272688 CAPLUS

DN 122:175179

TI Structure and defects in liquid crystals from electron diffraction and high resolution imaging

AU Voigt-Martin, I. G.; Schumacher, M.; Honig, M.; Simon, P.; Garbella, R. W.

CS Inst. Phys. Chem., Univ. Mainz, Germany

SO Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (1994), 254, 299-320

CODEN: MCLCE9; ISSN: 1058-725X

PB Gordon & Breach

DT Journal

LA English

L8 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:258443 CAPLUS

DN 122:148107

TI Structural changes in discotic samples during transition from crystal to discotic mesophase as revealed by electron microscopy and diffraction

AU Voigt-Martin, I. G.; Garbella, R. W.; Schumacher, M.

CS Inst. fuer Physikalische Chem., Mainz, 55099, Germany

SO Liquid Crystals (1994), 17(6), 775-801

CODEN: LICRE6; ISSN: 0267-8292

PB Taylor & Francis

DT Journal

LA English

L8 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1992:49316 CAPLUS

DN 116:49316

TI Structure analysis of discotic, sanidic and ferroelectric crystals and liquid crystals using electron microscopy

AU Voigt-Martin, I. G.; Schumacher, M.; Simon, P.; Honig, M.

CS Inst. Phys. Chem., J. Gutenberg-Univ., Mainz, D-6500, Germany

SO Makromolekulare Chemie, Macromolecular Symposia (1991), 46(Eur. Conf. Organ. Org. Thin Films, 3rd, 1990), 451-5

CODEN: MCMSES; ISSN: 0258-0322

DT Journal

LA English

L8 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1991:92406 CAPLUS

DN 114:92406

TI Low-molecular-weight discotic liquid-crystalline charge-transfer complexes

IN Leyrer, Reinhold J.; Funhoff, Dirk; Ringsdorf, Helmut; Karthaus, Olaf; Wuestefeld, Renate

PA BASF A.-G., Germany

SO Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 386576	A2	19900912	EP 1990-103686	19900226
	EP 386576	A3	19911023		
	R: BE, DE, ES, FR, GB, IT, NL, SE				
	DE 3907095	A1	19900913	DE 1989-3907095	19890306
	JP 02279788	A	19901115	JP 1990-51926	19900305

L8 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1991:33527 CAPLUS
DN 114:33527
TI Induction and variation of discotic columnar phases through doping with
electron acceptors
AU Bengs, Holger; Ebert, Martina; Karthaus, Olaf; Kohne, Bernd; Praefcke,
Klaus; Ringsdorf, Helmut; Wendorff, Joachim H.; Wuestefeld, Renate
CS Inst. Org. Chem., Univ. Mainz, Mainz, D-6500, Germany
SO Advanced Materials (Weinheim, Germany) (1990), 2(3), 141-4
CODEN: ADVMEW; ISSN: 0935-9648
DT Journal
LA English

L8 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1991:7495 CAPLUS
DN 114:7495
TI High-resolution electron microscopy of liquid crystalline polymers
AU Voigt-Martin, I. G.; Krug, H.; Van Dyck, D.
CS Inst. Phys. Chem., Univ. Mainz, Mainz, D6500, Germany
SO Journal de Physique (Paris) (1990), 51(20), 2347-71
CODEN: JOPQAG; ISSN: 0302-0738
DT Journal
LA English